ICANN – An overview

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ICANN (Internet Corporation for Assigned Names and Numbers)

ICANN

The Internet Ecosystem

The Internet is successful in large part due to its unique model of development and deployment:

- **Open** technical standards

- **Freely** accessible processes for technology and policy development

- **Transparent** and collaborative governance
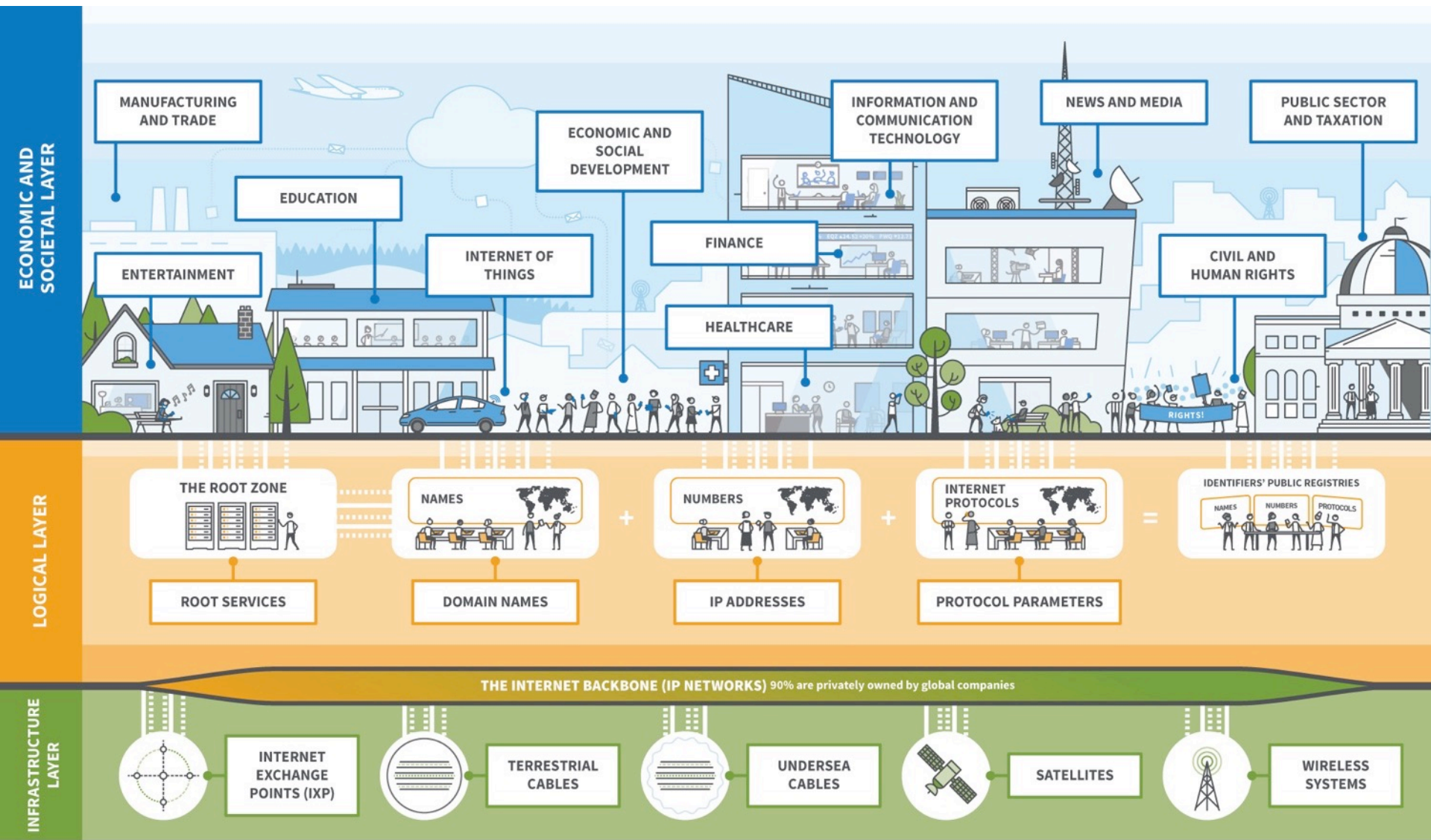
- **Innovation** at "edge"

Components of Internet Ecosystem

- Internet, a network of networks

- Organizations, individuals and processes that shape the coordination and management of the global Internet

- ICANN is but one of these organizations

- Other players as seen in the Three Layers of Digital Governance

The Three Layers of Digital Governance
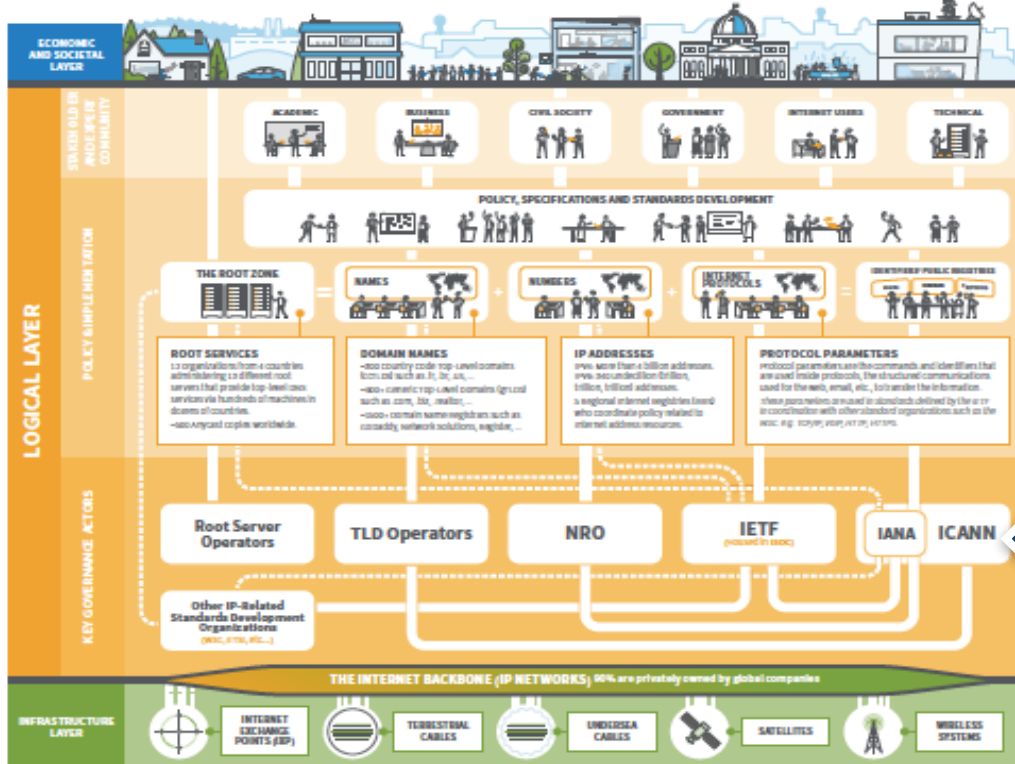
ICANN's modest place in Internet governance
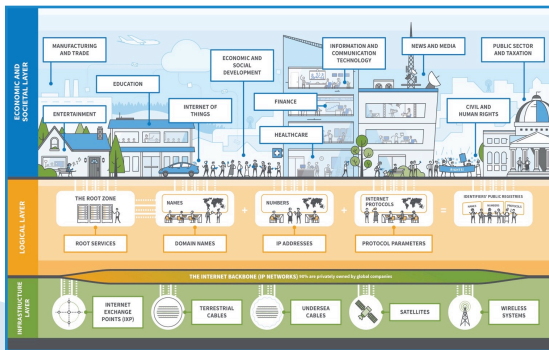
Three layers

Logical layer

We are here

So what *is* ICANN?

First things first - What does ICANN do?

The Internet Corporation for Assigned Names and Numbers (ICANN) is a global multistakeholder, private sector-led organization that manages Internet resources for the public benefit

WHAT DOES ICANN DO?

To reach another person on the Internet you have to type an address into your device—a name or a number. That address must be unique, so computers will know where to find each other. ICANN maintains and administers these unique identifiers across the world. Without ICANN's management of this system, known as the Domain Name System (DNS), we wouldn't have a global, scalable Internet where we can find each other.
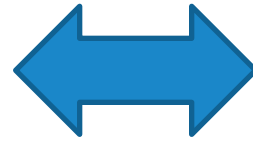
ICANN and the Domain Name System

IP address
(192.0.32.7)
(2607:f0d0:1002:51::4)

⟷

Domain Names
.com .org .net;
.my .sg .cn .in .bd;
*.*संगठन *, .*游戏*, .* شبكة

- ◉ ICANN is best known for its role as the technical coordinator of the Internet's **Domain Name System (DNS)**

- ◉ ICANN is responsible for coordination of the global internet's unique identifiers; to ensure secure and stable operation of these systems

- ◉ The set of unique identifier systems coordinated by ICANN are the **IANA functions**

https://www.youtube.com/watch?v=Lk5j25nmZKY
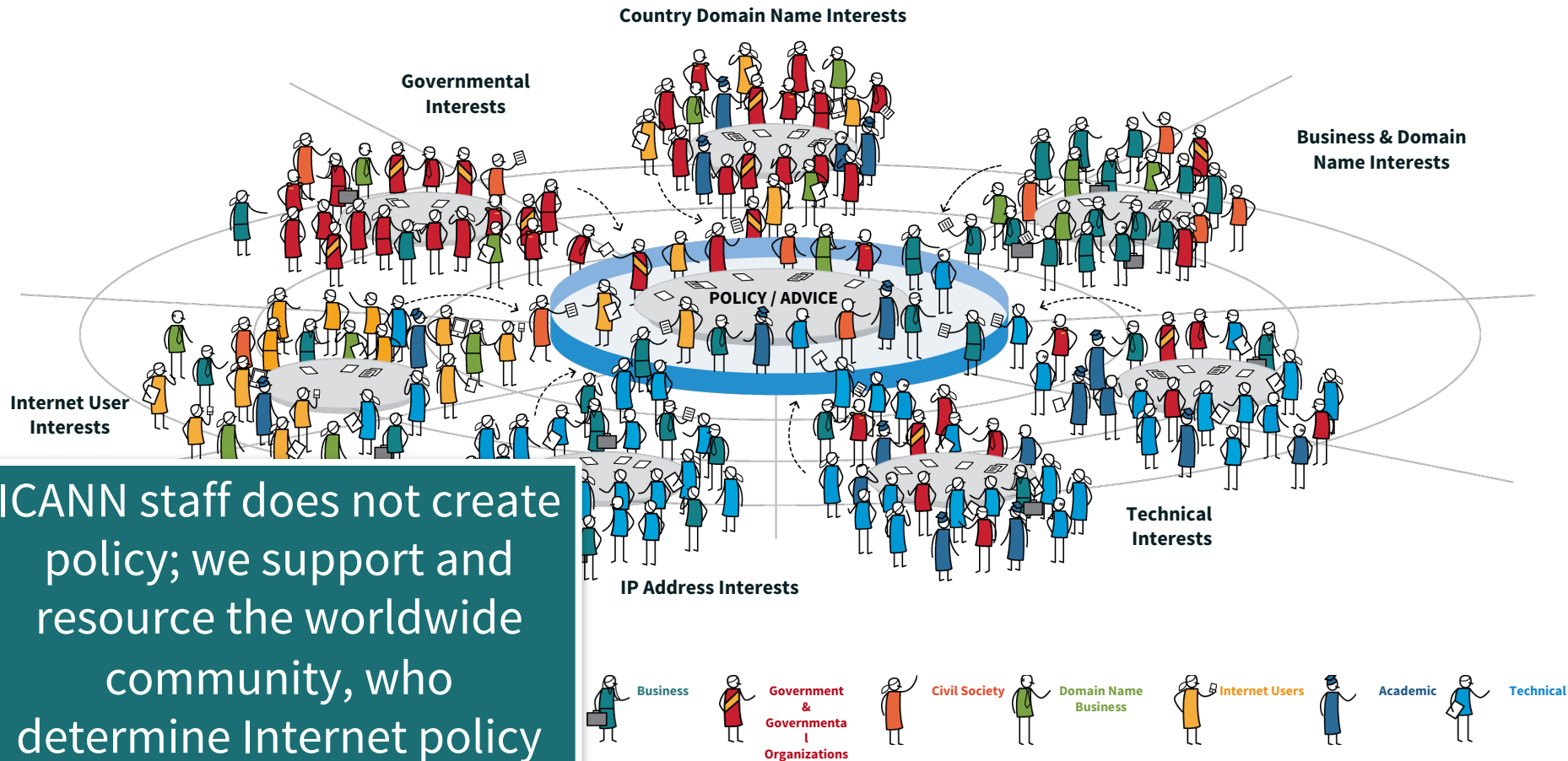
How do we do it?

ICANN's Multistakeholder, Community Driven Processes

The ICANN Community At Work

The Bottom-Up Multistakeholder Model

The collective efforts of the ICANN community culminate in a common shared goal:
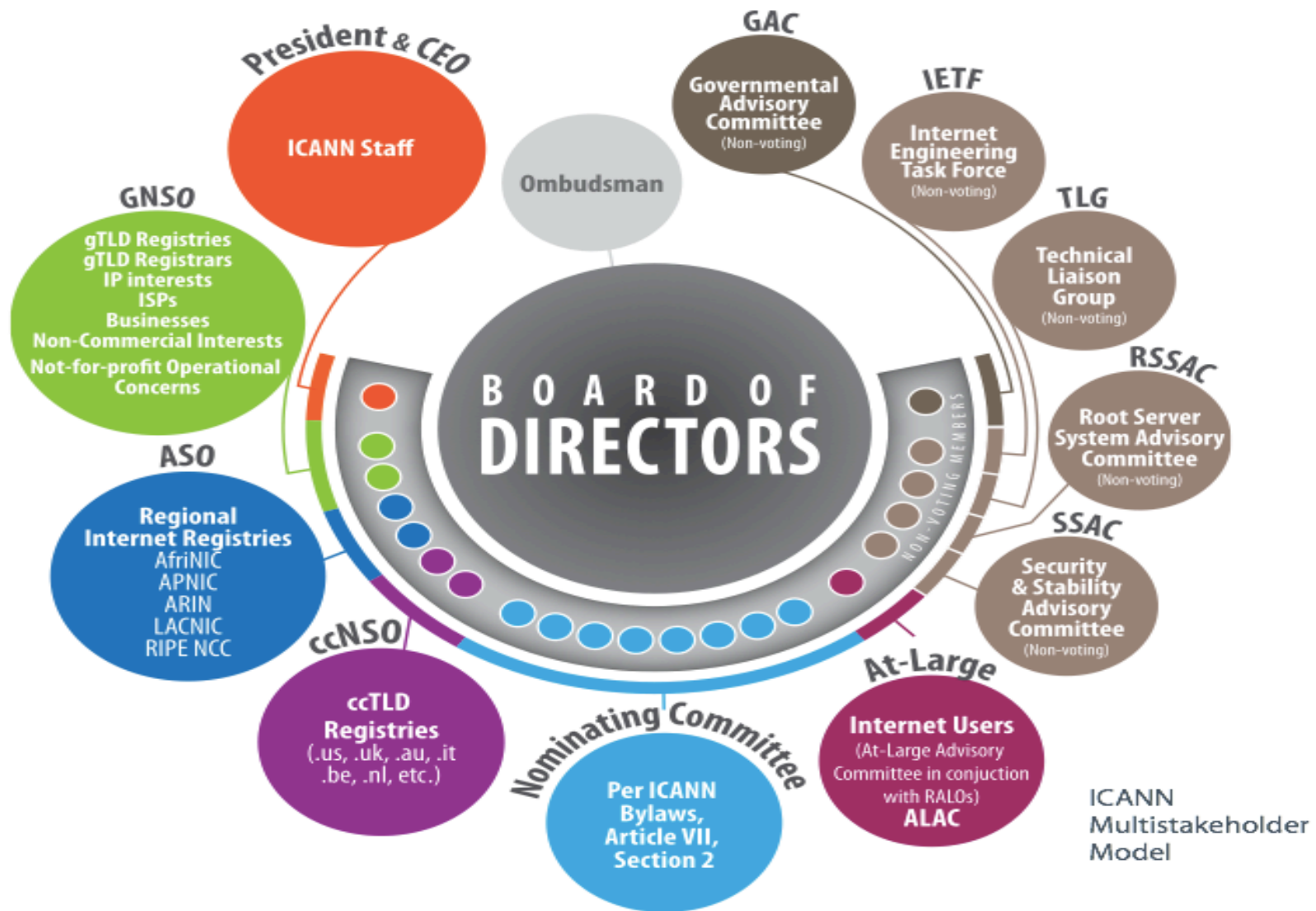
A single, interoperable Internet supported by stable, secure and resilient unique identifier systems

ICANN staff does not create policy; we support and resource the worldwide community, who determine Internet policy in "bottom up" manner

Multistakeholder Model – ICANN's community

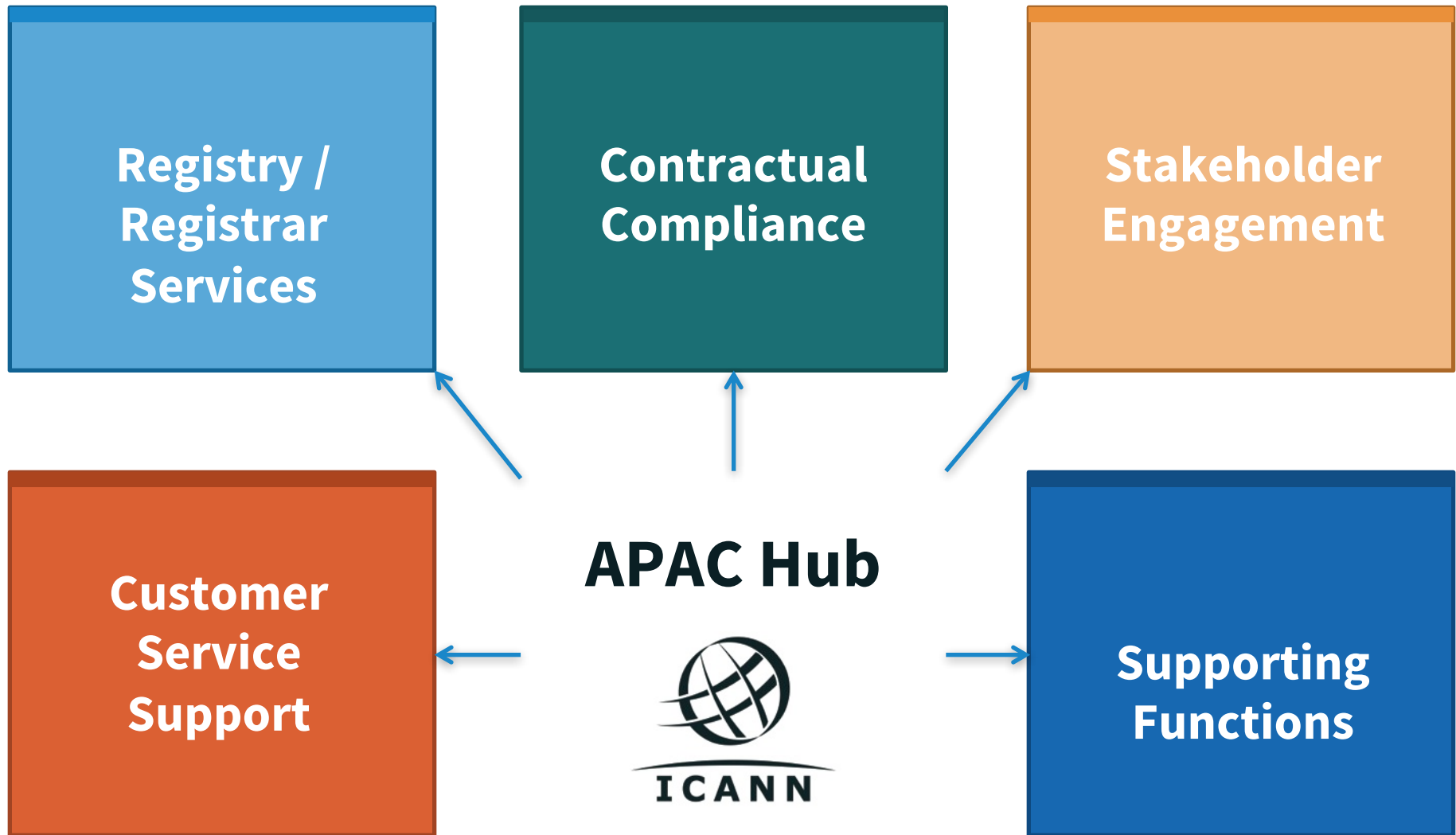ICANN Multistakeholder Model

How do we do it?

ICANN APAC Hub

"Evolve and further internationalize and regionalize ICANN's implementation of the multistakeholder approach"

3 Hubs:
Los Angeles, Istanbul,
& Singapore (APAC Hub)

Globalizing APAC Functions

Registry / Registrar Services

Contractual Compliance

Stakeholder Engagement

Customer Service Support

APAC Hub

ICANN

Supporting Functions

What the ICANN APAC Hub does

Supporting & participating in local /regional events

Local & Regional IG Events

- APrIGF (Asia Pacific Regional Internet Governance Forum) etc Local IG conferences
- Providing update on ICANN / APAC Hub activities
- Raise awareness of and seek input to ICANN policy development
- Civil Society, Technical community

Policy discussion / roundtable

- ITU (International Telecommunication Union), GSMA, regional roundtables etc
- Public policy discourse / eGOV / DNS Sec
- Exchange views on Internet Economy
- Government / Business community

ICANN Outreach activities

- ICANN readouts in Japan, China etc
- IDN outreach in South East Asia nations
- Registrar/Registry outreach events: Japan, India, China, Korea etc

Collaborating with our community

MoU enhancing cooperation

- MoU with APTLD (Asia Pacific Top Level Domain Association) to promote regional collaboration
- MoU with JPNIC/JPRS on improving translation coordination
- Partnerships

APRALO-APAC Hub Pilot Framework

- Addressing APAC ALS and end user's needs
- Localized content and webinars

Join the APAC Internet User's Community
http://atlarge.icann.org /apralo

Content Localization

- Collaboration on Localization toolkit
- Cooperation with various communities to produce localized contents for local events

Capacity building for APAC

Training / Workshops

- Various topics on DNS/DNSSEC
- Abuse handling
- Law Enforcement 61 trainings/workshop conducted
- Reached 33 countries
- Total participants: Over 2000

Servicing APAC community

- APAC Space
- APRALO-APAC webinars
- Global Support Center staff
- APAC time, local language

Schools / Academy

- WIPO Summer School Singapore, Asia Pacific Internet Leadership Program@APrIGF; Asia Pacific Internet Governance Academy, etc
- Facilitating and presenting ICANN/IG topics for newcomers

Case Study on Policy Development/Implementation:

New gTLD Program

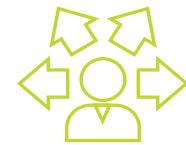# Video: New gTLD (generic top level domain) program

https://www.youtube.com/watch?v=1kFcxf8KAjg

Competition

Innovation

Choice

A truly Global Internet

Join the ICANN Community

ICANN|NEXTGEN
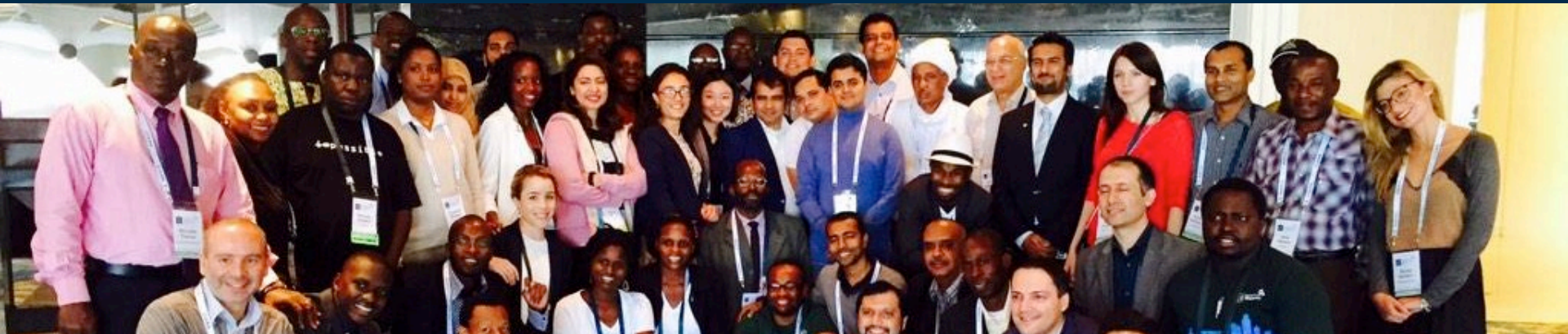
ICANN|FELLOWS

Engage with ICANN

Thank You. Questions?

ttp://bit.ly/nextgenicann

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APAC Hub Email: apachub@icann.org

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